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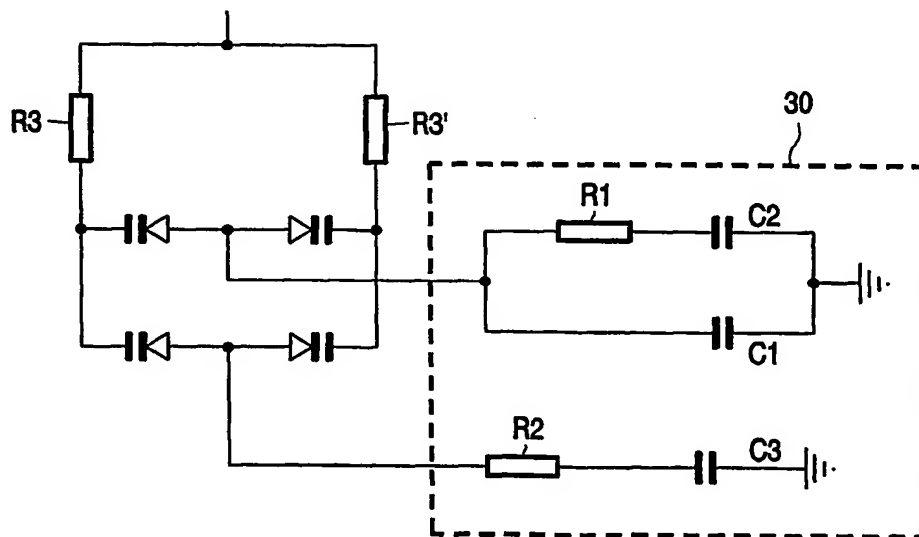
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[Continued on next page]

(54) Title: LOW PASS FILTER AND ELECTRONIC DEVICE



(57) Abstract: The electronic device (100) of the invention comprises a semiconductor device (30) and a low-pass filter (20), which are present in a stacked configuration, and which together include a phase locked loop. The low-pass filter is preferably embodied by vertical trench capacitors, and preferably comprises a drift compensation part. The device (100) can be suitably provided in an open loop architecture. In a preferred embodiment, the low-pass filter comprises a large capacitor (C2) and a small capacitor (C1) connected in parallel, the large capacitor (C2) being connected in series with a resistor (R1).



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